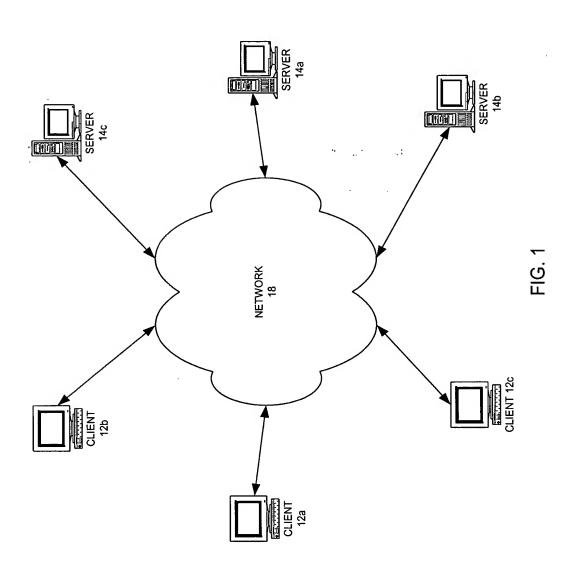
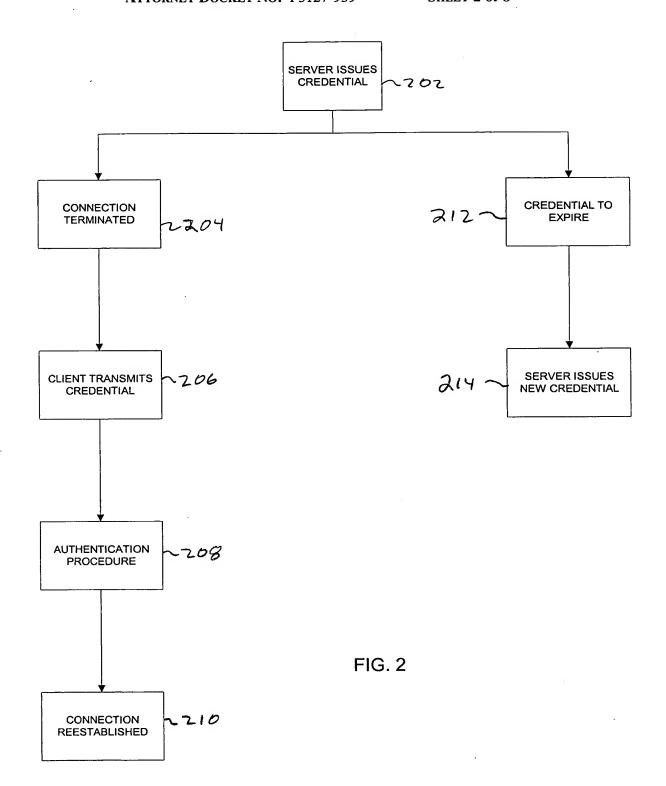
APPLN. FILING DATE: DECEMBER 23, 2003
TITLE: SERVER COMPUTER ISSUED CREDENTIAL
AUTHENTICATION
INVENTOR(S): LELAND A. WALLACE & DAVID M. O'ROURKE
ATTORNEY DOCKET NO: P3127-939
SHEET 1 of 8



TITLE: SERVER COMPUTER ISSUED CREDENTIAL

AUTHENTICATION

Inventor(s): Leland A. Wallace & David M. O'Rourke Attorney Docket No: P3127-939 Sheet 2 of 8



APPLN. FILING DATE: DECEMBER 23, 2003
TITLE: SERVER COMPUTER ISSUED CREDENTIAL AUTHENTICATION

INVENTOR(S): LELAND A. WALLACE & DAVID M. O'ROURKE ATTORNEY DOCKET NO: P3127-939 SHEET 3 of 8

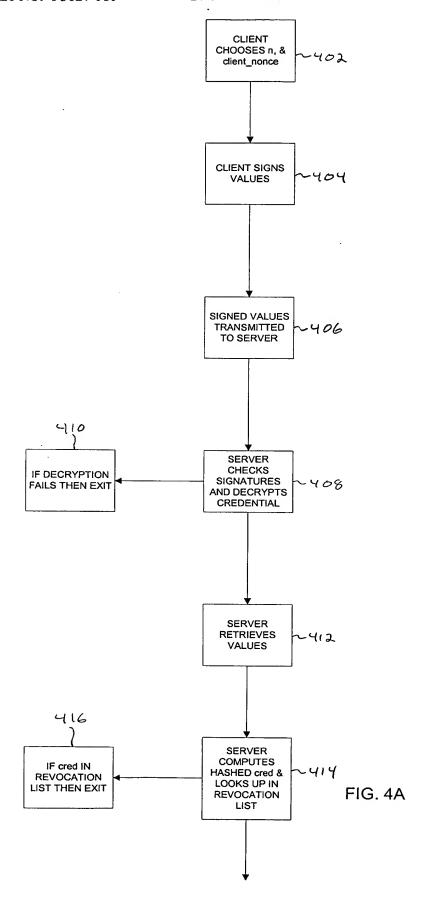
CLIENT SENDS INITIAL TIMESTAMP (t1) ENCRYPTED BY SESSION KEY(k1) TO ~ 302 SERVER SERVER CHOOSES SEED(s), MAXIMUM NO.
OF TIMES TO RUN HASH FUNCTION (m), AND -304 EXPIRATION TIME(exp) M-306 SERVER CALCULATES TIME INTERVAL(t3) SERVER GENERATES UNIQUE SESSION ~ 3*08* INFORMATION(sessioninfo) ~310 SERVER GENERATES CREDENTIAL(cred) SERVER TRANSMITS cred, s, m, exp and **U312** sessioninfo TO CLIENT

FIG. 3

TITLE: SERVER COMPUTER ISSUED CREDENTIAL

AUTHENTICATION

INVENTOR(S): LELAND A. WALLACE & DAVID M. O'ROURKE ATTORNEY DOCKET NO: P3127-939 SHEET 4 of 8



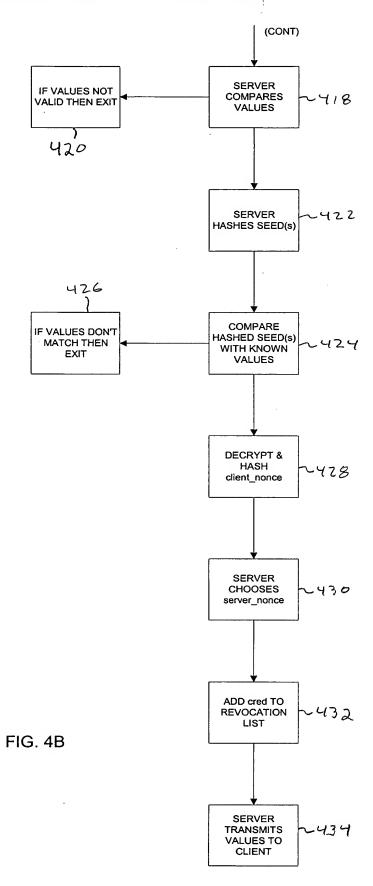
TITLE: SERVER COMPUTER ISSUED CREDENTIAL

AUTHENTICATION

INVENTOR(S): LELAND A. WALLACE & DAVID M. O'ROURKE

ATTORNEY DOCKET No: P3127-939

SHEET 5 of 8



TITLE: SERVER COMPUTER ISSUED CREDENTIAL

AUTHENTICATION

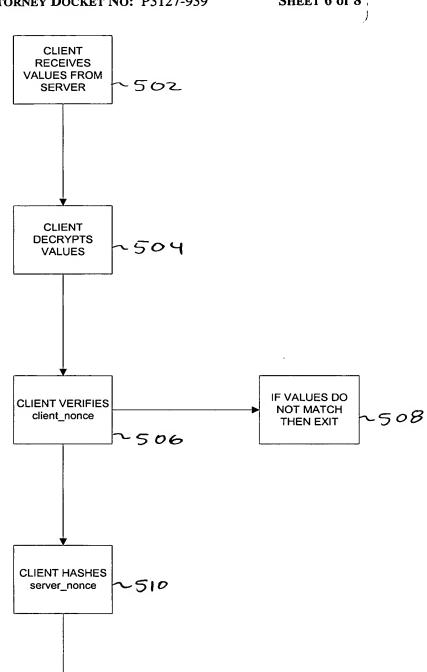
CLIENT

TRANSFERS

VALUES TO SERVER 2512

FIG. 5

INVENTOR(S): LELAND A. WALLACE & DAVID M. O'ROURKE ATTORNEY DOCKET NO: P3127-939 SHEET 6 of 8



TITLE: SERVER COMPUTER ISSUED CREDENTIAL

AUTHENTICATION

INVENTOR(S): LELAND A. WALLACE & DAVID M. O'ROURKE ATTORNEY DOCKET NO: P3127-939 SHEET 7 of 8

SHEET 7 of 8

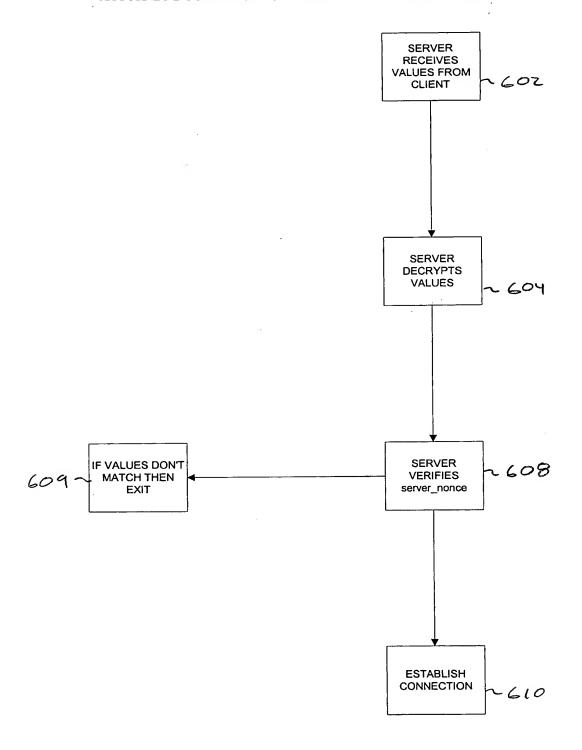


FIG. 6

TITLE: SERVER COMPUTER ISSUED CREDENTIAL

AUTHENTICATION

INVENTOR(S): LELAND A. WALLACE & DAVID M. O'ROURKE

ATTORNEY DOCKET NO: P3127-939

SHEET 8 of 8

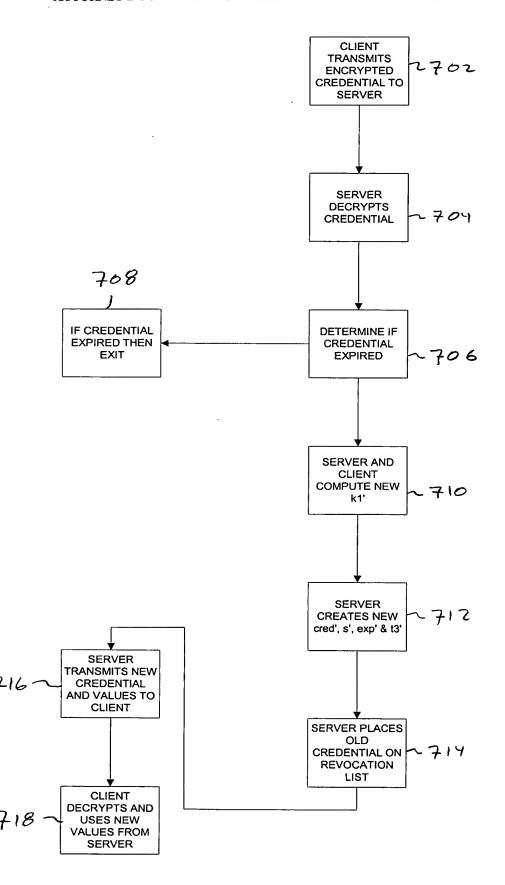


FIG. 7